

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53108	(sputter\$3 or spatter\$3 or pvd or ipvd or (vapor near1 deposit\$3)) with (target or cathode)	US-PGPUB; USPAT	ADJ	ON	2011/08/23 07:08
L2	867524	(backing or support\$3 or holding) with (plate or section)	US-PGPUB; USPAT	ADJ	ON	2011/08/23 07:12
L3	614	!1 same !2 same (cu or copper)	US-PGPUB; USPAT	ADJ	ON	2011/08/23 07:12
L4	392	!3 and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2011/08/23 07:12
S1	50	("20070051624" "4966676" "6000853" "6178639" "4296183" "5209578" "4292718" "4767677" "4770547" "5190717" "6332909" "20070270306" "6071389" "5593082" "5653856" "5879524" "6183686" "5268236" "6113761" "5032468" "5244556" "5282943" "5338425" "5397050" "5674367" "5836506" "6073830" "6331234" "6344117" "6478902" "6521108" "6579431" "6619537" "6645427" "6709557" "6723213" "6759143" "6774339" "6793124" "6849139" "6858102" "7314650" "7347353" "7431195" "7480992" "20010047935" "20020112791" "20020121437" "20020153130" "20030134143" ).pn.	US-PGPUB; USPAT	OR	ON	2009/03/26 17:41

S2	7	((("6793124") or ("20030116425") or ("20050121320") or ("20050285273") or ("20060088436") or ("5269899") or ("6361662")),PN.	US-PGPUB; USPAT	OR	OFF	2009/03/26 17:43
S3	0	ep-0881311-\$.did.	DERWENT	ADJ	ON	2009/03/26 17:43
S4	1	ep-881311-\$.did.	DERWENT	ADJ	ON	2009/03/26 17:43
S5	5	jp-03134170-\$.did. or jp-03079734-\$.did. or jp-01180975-\$.did. or jp-11236665-\$.did. or jp-2001329362-\$.did.	JPO	ADJ	ON	2009/03/26 17:45
S6	1	wo-0100899-\$.did.	DERWENT	ADJ	ON	2009/03/26 17:45
S7	2	10/027992.app.	US-PGPUB; USPAT	OR	ON	2009/03/26 17:55
S8	1	"6478895".pn. and (Ni-7 near1 v)	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:03
S9	29687	(sputter or sputtering) with target	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:27
S10	3694	S9 same (backing or plate)	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:27
S11	44024	(cu or copper) same (silicon or si) same (nickel or Ni)	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:27
S12	366	S10 and S11	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:27
S13	39	S10 same S11	US-PGPUB; USPAT	ADJ	ON	2009/03/26 18:28
S14	2	09/226678.app. or 09/868407.app.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 22:20
S15	13	bolcavage.in.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 22:24
S16	2	bolcavage.in. and (diffusion near1 bonding).ti.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 22:24
S17	10418	(sputter or sputtering or spatter or spattering) with target	JPO	ADJ	ON	2009/03/26 22:30
S18	10624	(cu or copper) same (ni or nickel) same (si or silicon)	JPO	ADJ	ON	2009/03/26 22:30
S19	42	S17 and S18	JPO	ADJ	ON	2009/03/26 22:30

S20	816778	(backing near1 plate) or backing or plate	JPO	ADJ	ON	2009/03/26 22:31
S21	8	S19 and S20	JPO	ADJ	ON	2009/03/26 22:31
S22	4882	(cu or copper) same (ni or nickel) same (si or silicon) same (wt or weight or atomic or at)	JPO	ADJ	ON	2009/03/26 22:48
S23	4	S22 and S20 and (sputter or sputtering or spatter or spattering)	JPO	ADJ	ON	2009/03/26 22:49
S24	1	jp-07268617-\$.did.	DERWENT	ADJ	ON	2009/03/26 22:50
S25	1	1995-390791.NRAN.	DERWENT	ADJ	ON	2009/03/26 22:50
S26	0	(hao near1 zhang).in.	DERWENT	ADJ	ON	2009/03/26 22:51
S27	74	(hao near1 zhang).in.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 22:52
S28	11	(hao near1 zhang).in. and (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2009/03/26 22:52
S29	2	((("3662745") or ("5018180")).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/26 23:51
S30	1	jp-01180975-\$.did.	DERWENT	ADJ	ON	2009/03/27 13:10
S31	1	1989-246544.NRAN.	DERWENT	ADJ	ON	2009/03/27 13:11
S32	871	tosoh.as.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 13:27
S33	157	S32 and (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2009/03/27 13:27
S34	57	S33 and (backing near1 plate)	US-PGPUB; USPAT	ADJ	ON	2009/03/27 13:27
S35	14	S33 and ((backing near1 plate) same (ni or nickel))	US-PGPUB; USPAT	ADJ	ON	2009/03/27 13:27
S36	3	((copper or cu) with (back or backing)) and (sputter or sputtering or spatter or spattering) and (beryllium or be)	JPO	ADJ	ON	2009/11/03 16:02
S37	42	(copper or cu) and (sputter or sputtering or spatter or spattering) and (beryllium or be)	JPO	ADJ	ON	2009/11/03 16:09
S38	39	S37 not S36	JPO	ADJ	ON	2009/11/03 16:09

S39	54	((copper or cu) with (back or backing)) and (sputter or sputtering or spatter or spattering) and (beryllium or be)	EPO, DERWENT	ADJ	ON	2009/11/03 16:25
S40	1	jp-63004093-\$ did.	JPO	ADJ	ON	2009/11/03 18:26
S41	1	jp-01180975-\$ did.	JPO	ADJ	ON	2009/11/03 18:26
S42	3	ford.in. and ((sputter or sputering) with target) and monolithic	US-PGPUB; USPAT	ADJ	ON	2010/08/24 13:07
S43	1696	((sputter or sputtering) with target) and (backing near1 plate)	US-PGPUB; USPAT	ADJ	ON	2010/08/24 13:29
S44	60	S43 and (interlayer same target same plate)	US-PGPUB; USPAT	ADJ	ON	2010/08/24 13:29
S45	1	jp-01180976-\$ did.	JPO	ADJ	ON	2010/08/25 12:52
S46	29	((TAKEO) near2 (OKABE)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/25 13:06
S47	30	((HIROHITO) near2 (MIYASHITA)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/25 13:06
S48	19	(S46 or S47) and (Nickel or ni) and (silicon or Si)	US-PGPUB; USPAT	ADJ	ON	2010/08/25 13:08
S49	0	(S46 or S47) and ((Nickel or ni) and (silicon or Si) and (backing or back))".clm."	US-PGPUB; USPAT	ADJ	ON	2010/08/25 13:08
S50	1	(S46 or S47) and ((Nickel or ni) and (silicon or Si) and (backing or back)).clm.	US-PGPUB; USPAT	ADJ	ON	2010/08/25 13:14
S51	1	10/596653.app.	US-PGPUB; USPAT	ADJ	ON	2011/02/25 12:25
S52	1137	(copper or cu) with backing with plate	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:04
S53	340	S52 and (ni or nickel) and (si or silicon or silicide)	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:04
S54	44	S52 same (ni or nickel) same (si or silicon or silicide)	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:04
S55	803	204/298.13.ccls.	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:09
S56	219	204/298.13.ccls. and (copper or cu) and (si or silicon or silicide) and (ni or nickel)	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:10

S57	219	204/298.13.cds. and (copper or cu) and (si or silicon or silicide) and (ni or nickel)	US-PGPUB; USPAT	ADJ	ON	2011/02/25 13:11
S58	1197	(cu or copper) with backing	JPO; DERWENT	ADJ	ON	2011/02/25 14:15
S59	100	S58 and (ni or nickel) and (si or silicon or silicide)	JPO; DERWENT	ADJ	ON	2011/02/25 14:15
S60	45	S58 and (ni or nickel) and (si or silicon or silicide) and (tin or sn)	JPO; DERWENT	ADJ	ON	2011/02/25 14:56
S61	5241	(cu or copper) and (be or beryllium) and backing	JPO; DERWENT	ADJ	ON	2011/02/25 16:37
S62	3266	(cu or copper) and (be or beryllium) and backing and (ni or nickel) and (co or cobalt)	JPO; DERWENT	ADJ	ON	2011/02/25 16:38
S63	48	((cu or copper) with backing) and (be or beryllium) and (ni or nickel) and (co or cobalt)	JPO; DERWENT	ADJ	ON	2011/02/25 16:38
S64	34	S63 not S60	JPO; DERWENT	ADJ	ON	2011/02/25 16:38

**EAST Search History (Interference)**

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